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CENTRAL FAX CENTER

AUG 03 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 09/517,127  
Filing Date ..... March 2, 2000  
Inventor ..... Scott E. Moore et al.  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 3724  
Examiner ..... T. Eley  
Attorney's Docket No. .... MI22-1246  
Title: Semiconductor Processor Systems, A System Configured to Provide a  
Semiconductor Workpiece Process Fluid

Mail Stop RCE  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (571) 273-8300 on the date shown below:

1. RCE Transmittal Form (PTO/SB/30) & Fee Transmittal (PTO/SB/17) in duplicate
2. Preliminary Amendment
3. Request for Extension of Time (1 month) (PTO/SB/22) in duplicate
4. Supplemental Information Disclosure Statement with Form PTO-1449
5. Interview Summary

Dated: 8/3/06By: 

Natalie King  
Telephone No. (509) 624-4276  
Facsimile No. (509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 40

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**CENTRAL FAX CENTER**

**AUG 03 2006**

PTO/SB/17 (12-04v2)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/517,127
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 910.00		Filing Date	March 2, 2000
		First Named Inventor	Scott E Moore et al.
		Examiner Name	T. Eley
		Art Unit	3724
		Attorney Docket No.	MI22-1246

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John, P.S.  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Extension (1 mo.): RCE Filing Fees

\$910.00

<b>SUBMITTED BY</b>		Registration No. 39,833	Telephone 509-624-4276
Signature		(Attorney/Agent)	Date 8/3/06
Name (Print/Type)	James D. Sheurette		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Application Serial No. .... 09/517,127  
Filing Date ..... March 2, 2000  
Inventor ..... Scott E. Moore et al.  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 3723  
Examiner ..... T. Eley  
Customer No. .... 021567  
Attorney's Docket No. .... MI22-1246  
Title: Semiconductor Processor Systems, A System Configured to Provide a  
Semiconductor Workpiece Process Fluid

INTERVIEW SUMMARY

To: Mail Stop RCE  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

From: James D. Shaurette (Tel. 509-624-4276; Fax 509-838-3424)  
Wells, St. John, P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

Sir:

Applicants wish to thank the Examiner for the courtesies extended to the undersigned during the telephone interview.

The undersigned submitted during the interview that turbidity appears nowhere in the Yueh reference and Yueh fails to disclose the limitations of the claims regarding turbidity. In particular, sensor 31 of Yueh is clearly a particle size sensor and the system of Yueh provides monitoring of a distribution of particle sizes with respect to desired log normal distribution which fails to disclose or suggest any monitoring of turbidity. The

Examiner agreed and indicated that Yueh fails to disclose or suggest limitations of the claims which recite turbidity and such claims are allowable over Yueh.

In addition, with respect to claim 130, it was agreed that Yueh fails to disclose or suggest the claimed control system configured to control a flow rate of the process fluid into the process chamber responsive to the comparison and claim 130 is allowable over Yueh. With respect to claim 142, it was agreed that Yueh fails to disclose or suggest the claimed control system configured to control the metering device to control a flow rate of the one of the components responsive to the signal and claim 142 is allowable over Yueh.

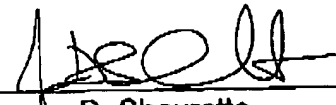
The undersigned also indicated that Applicants' response would be an RCE to have prior art considered which was cited in related application 10/820,575 (U.S. Patent Nos. 3,441,737, 3,713,743, and 4,990,346). The Examiner indicated that he has reviewed these references with respect to other pending applications in this family and stated that the pending claims are allowable over such new references.

Accordingly, the application is believed to be allowable and Applicants respectfully request allowance of the application in the next Action.

The Examiner is requested to phone the undersigned if the Examiner believes such would facilitate prosecution of the present application. The undersigned is available for telephone consultation at any time during normal business hours (Pacific Time Zone).

Respectfully submitted,

Dated: 8/3/06

By:   
James D. Shaurette  
Reg. No. 39,833

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